

TABLE 35 120 Ω Nickel RTD — 0.00672 coefficient
temperature in °C

| °C | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | °C |
|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| Resistance in Ohms | | | | | | | | | | | | |
| -80 | 66.60 | | | | | | | | | | | -80 |
| -70 | 73.10 | 72.45 | 71.80 | 71.15 | 70.50 | 69.85 | 69.20 | 68.55 | 67.90 | 67.25 | 66.60 | -70 |
| -60 | 79.62 | 78.97 | 78.31 | 77.66 | 77.01 | 76.36 | 75.71 | 75.06 | 74.41 | 73.75 | 73.10 | -60 |
| -50 | 86.16 | 85.51 | 84.85 | 84.20 | 83.54 | 82.89 | 82.23 | 81.58 | 80.93 | 80.27 | 79.62 | -50 |
| -40 | 92.76 | 92.09 | 91.43 | 90.77 | 90.11 | 89.45 | 88.79 | 88.14 | 87.48 | 86.82 | 86.16 | -40 |
| -30 | 99.41 | 98.74 | 98.07 | 97.41 | 96.74 | 96.07 | 95.41 | 94.74 | 94.08 | 93.42 | 92.76 | -30 |
| -20 | 106.15 | 105.47 | 104.79 | 104.12 | 103.44 | 102.77 | 102.09 | 101.42 | 100.75 | 100.08 | 99.41 | -20 |
| -10 | 113.00 | 112.31 | 111.62 | 110.93 | 110.25 | 109.56 | 108.88 | 108.19 | 107.51 | 106.83 | 106.15 | -10 |
| 0 | 120.00 | 119.29 | 118.59 | 117.88 | 117.18 | 116.48 | 115.78 | 115.09 | 114.39 | 113.70 | 113.00 | 0 |
| 0 | 120.00 | 120.71 | 121.42 | 122.13 | 122.85 | 123.56 | 124.28 | 125.00 | 125.72 | 126.44 | 127.17 | 0 |
| 10 | 127.17 | 127.89 | 128.62 | 129.35 | 130.09 | 130.82 | 131.56 | 132.29 | 133.03 | 133.77 | 134.52 | 10 |
| 20 | 134.52 | 135.26 | 136.01 | 136.76 | 137.51 | 138.26 | 139.02 | 139.78 | 140.54 | 141.30 | 142.06 | 20 |
| 30 | 142.06 | 142.82 | 143.59 | 144.36 | 145.13 | 145.90 | 146.68 | 147.46 | 148.24 | 149.02 | 149.80 | 30 |
| 40 | 149.80 | 150.59 | 151.37 | 152.16 | 152.95 | 153.75 | 154.54 | 155.34 | 156.14 | 156.94 | 157.75 | 40 |
| 50 | 157.75 | 158.55 | 159.36 | 160.17 | 160.98 | 161.80 | 162.61 | 163.43 | 164.25 | 165.07 | 165.90 | 50 |
| 60 | 165.90 | 166.73 | 167.56 | 168.39 | 169.22 | 170.06 | 170.90 | 171.74 | 172.58 | 173.42 | 174.27 | 60 |
| 70 | 174.27 | 175.12 | 175.97 | 176.82 | 177.68 | 178.53 | 179.39 | 180.25 | 181.12 | 181.98 | 182.85 | 70 |
| 80 | 182.85 | 183.72 | 184.59 | 185.46 | 186.34 | 187.22 | 188.10 | 188.98 | 189.87 | 190.75 | 191.64 | 80 |
| 90 | 191.64 | 192.53 | 193.42 | 194.32 | 195.21 | 196.11 | 197.01 | 197.92 | 198.82 | 199.73 | 200.64 | 90 |
| 100 | 200.64 | 201.55 | 202.47 | 203.38 | 204.30 | 205.22 | 206.14 | 207.07 | 207.99 | 208.92 | 209.85 | 100 |
| 110 | 209.85 | 210.79 | 211.72 | 212.66 | 213.60 | 214.54 | 215.49 | 216.43 | 217.38 | 218.34 | 219.29 | 110 |
| 120 | 219.29 | 220.25 | 221.20 | 222.16 | 223.13 | 224.09 | 225.06 | 226.03 | 227.00 | 227.97 | 228.95 | 120 |
| 130 | 228.95 | 229.93 | 230.91 | 231.89 | 232.88 | 233.86 | 234.85 | 235.85 | 236.84 | 237.84 | 238.84 | 130 |
| 140 | 238.84 | 239.84 | 240.84 | 241.85 | 242.85 | 243.86 | 244.88 | 245.89 | 246.91 | 247.93 | 248.95 | 140 |
| 150 | 248.95 | 249.97 | 251.00 | 252.03 | 253.06 | 254.09 | 255.13 | 256.17 | 257.21 | 258.25 | 259.30 | 150 |
| 160 | 259.30 | 260.34 | 261.39 | 262.45 | 263.50 | 264.56 | 265.62 | 266.69 | 267.75 | 268.82 | 269.89 | 160 |
| 170 | 269.89 | 270.97 | 272.05 | 273.13 | 274.21 | 275.30 | 276.38 | 277.48 | 278.57 | 279.67 | 280.77 | 170 |
| 180 | 280.77 | 281.87 | 282.98 | 284.09 | 285.20 | 286.32 | 287.44 | 288.56 | 289.69 | 290.82 | 291.95 | 180 |
| 190 | 291.95 | 293.08 | 294.22 | 295.37 | 296.51 | 297.66 | 298.81 | 299.97 | 301.13 | 302.29 | 303.45 | 190 |
| 200 | 303.45 | 304.62 | 305.80 | 306.97 | 308.15 | 309.34 | 310.52 | 311.72 | 312.91 | 314.11 | 315.31 | 200 |
| 210 | 315.31 | 316.52 | 317.73 | 318.94 | 320.16 | 321.38 | 322.60 | 323.83 | 325.06 | 326.30 | 327.54 | 210 |
| 220 | 327.54 | 328.78 | 330.03 | 331.28 | 332.53 | 333.79 | 335.05 | 336.32 | 337.59 | 338.87 | 340.14 | 220 |
| 230 | 340.14 | 341.43 | 342.71 | 344.00 | 345.29 | 346.59 | 347.89 | 349.20 | 350.51 | 351.82 | 353.14 | 230 |
| 240 | 353.14 | 354.46 | 355.79 | 357.12 | 358.45 | 359.79 | 361.13 | 362.47 | 363.82 | 365.17 | 366.53 | 240 |
| 250 | 366.53 | 367.89 | 369.26 | 370.62 | 372.00 | 373.37 | 374.75 | 376.14 | 377.52 | 378.91 | 380.31 | 250 |
| 260 | 380.31 | | | | | | | | | | | 260 |